



USER INTERFACE FOR COMMUNICATION SYSTEM

Name of Inventors: Saligrama Venkatesh et al.
Name & Telephone Number of Person to Call If Necessary: :
Scott A. Blake - (419) 255-5900

Serial No.
09/692,268

Sheet 1 of 16

Docket No.
1-82248

1/16

FIG. 1

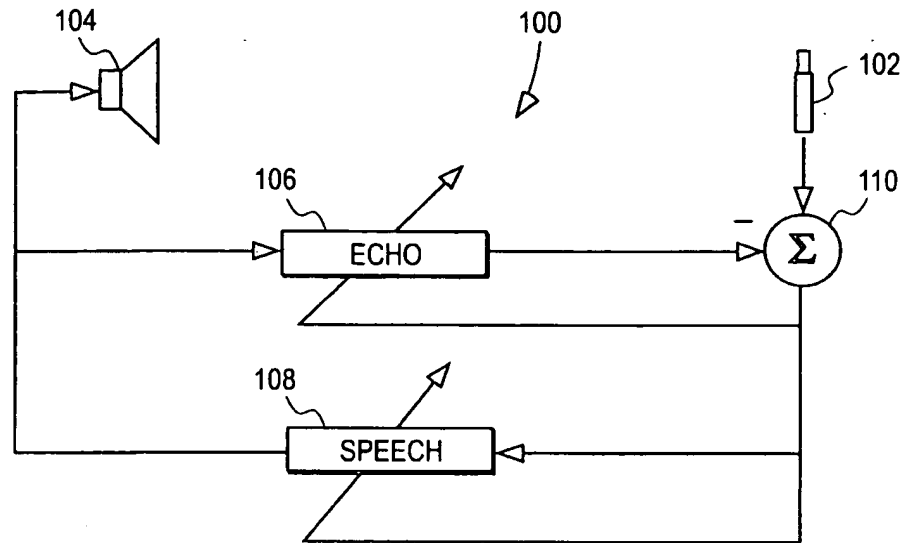
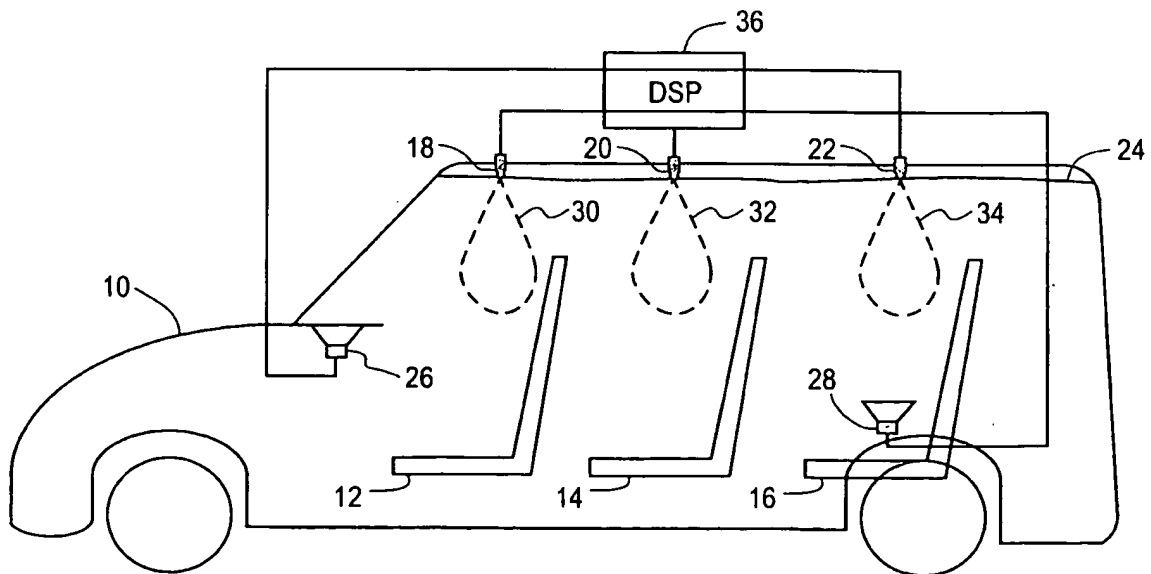


FIG. 2



2/16

FIG. 3

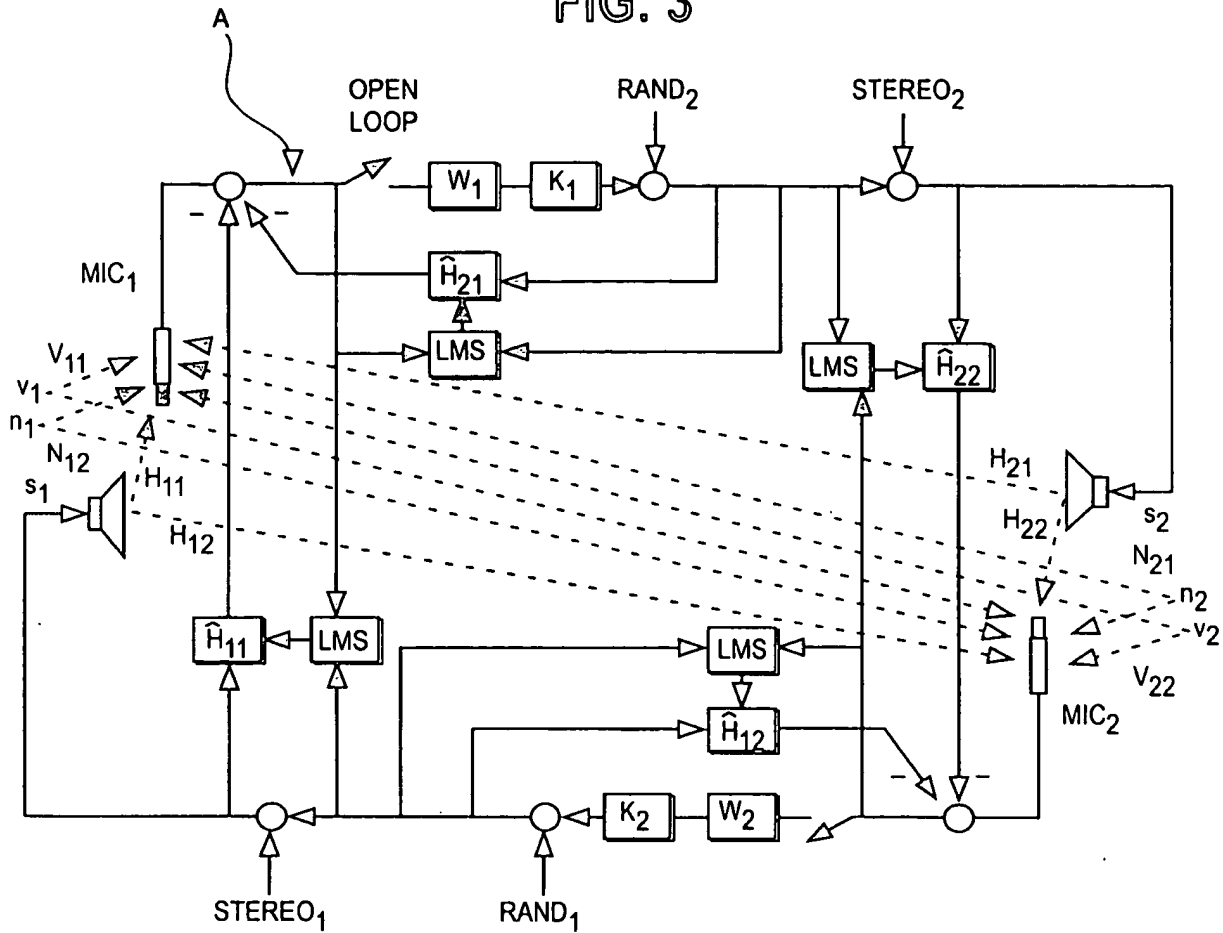
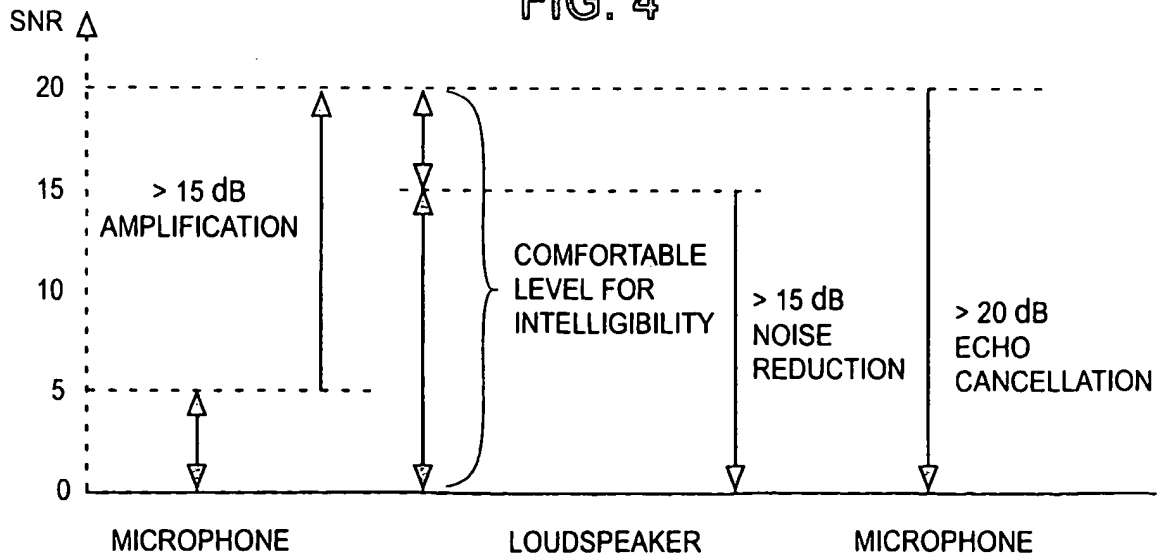


FIG. 4



3/16

FIG. 5

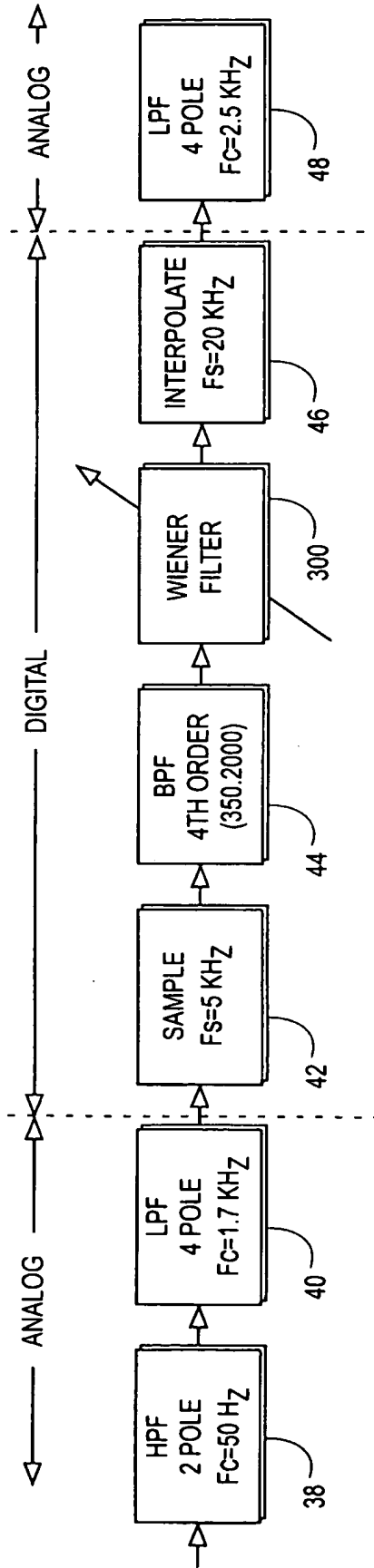
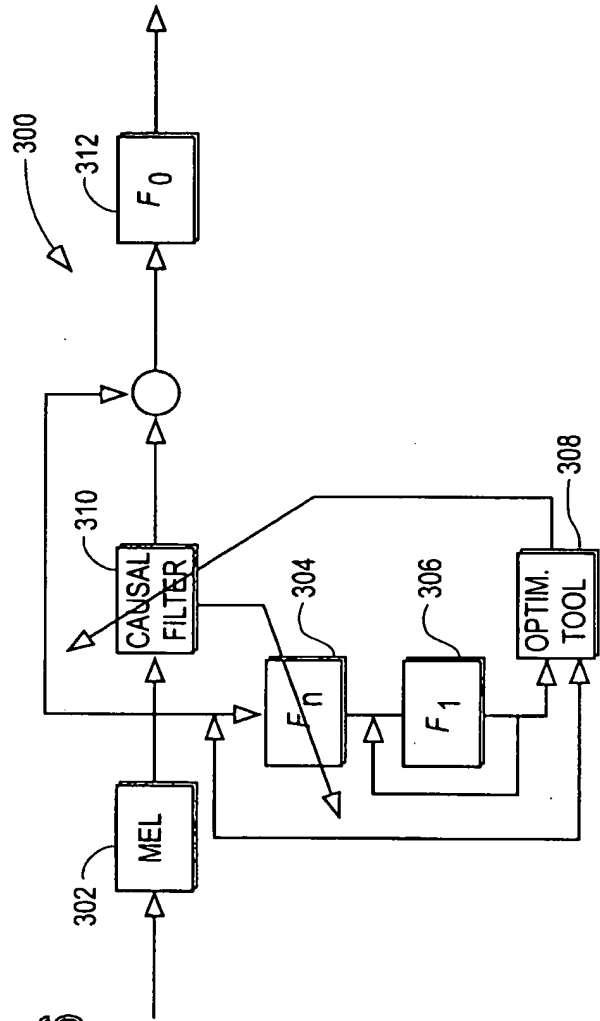


FIG. 6



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Serial No.
 09/692,268

Sheet 4 of 16

Docket No.
 1-82248

4/16

FIG. 7

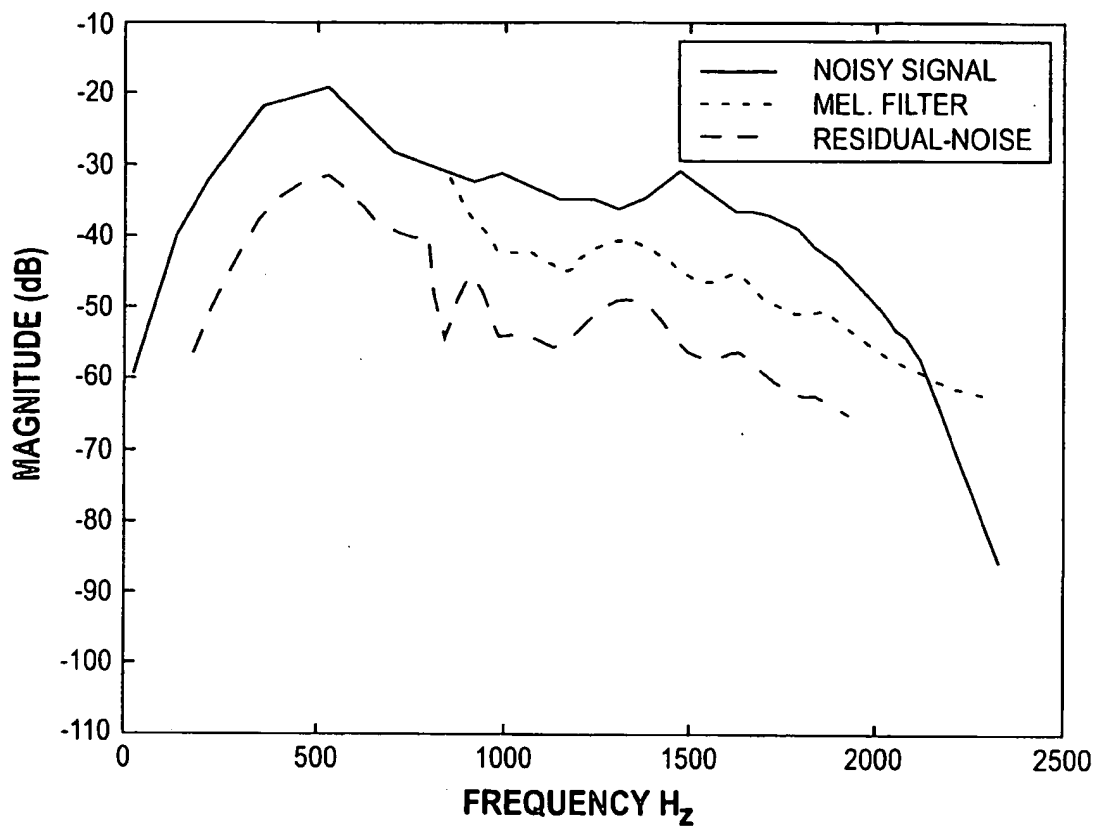


FIG. 8

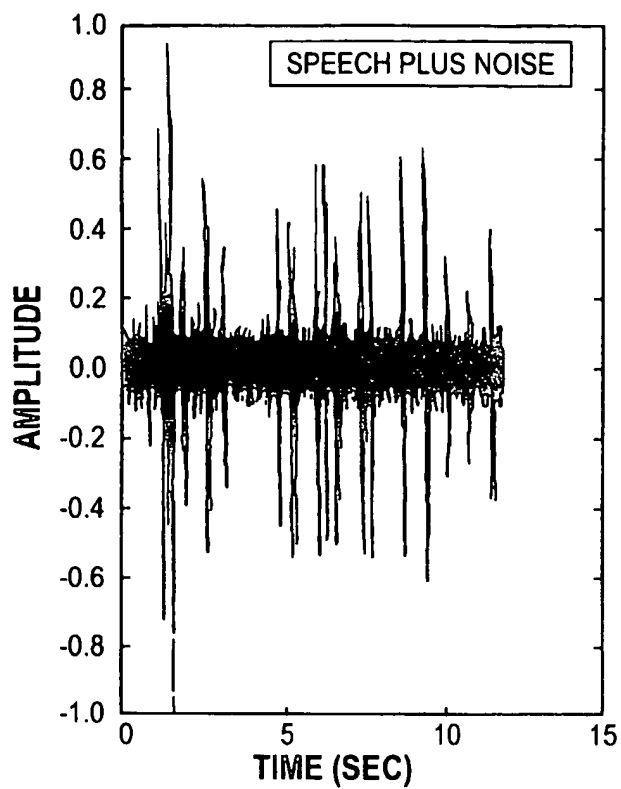
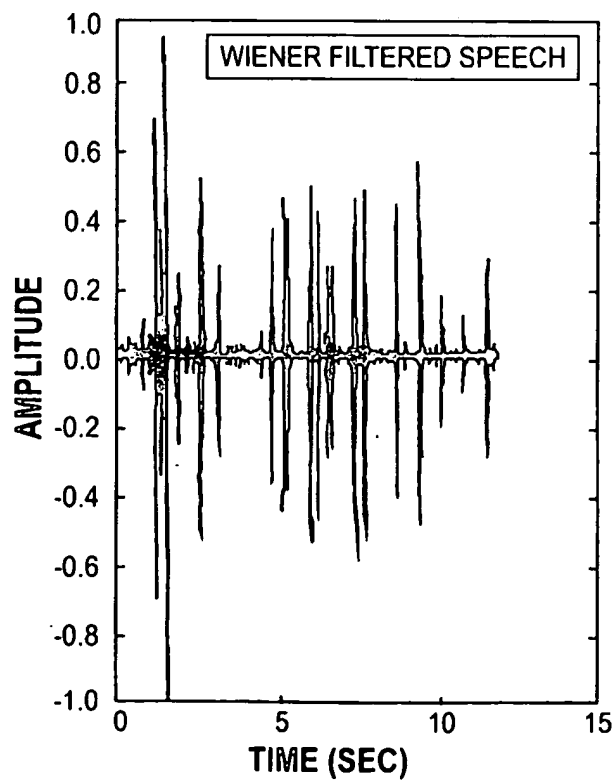


FIG. 9



6/16

FIG. 10

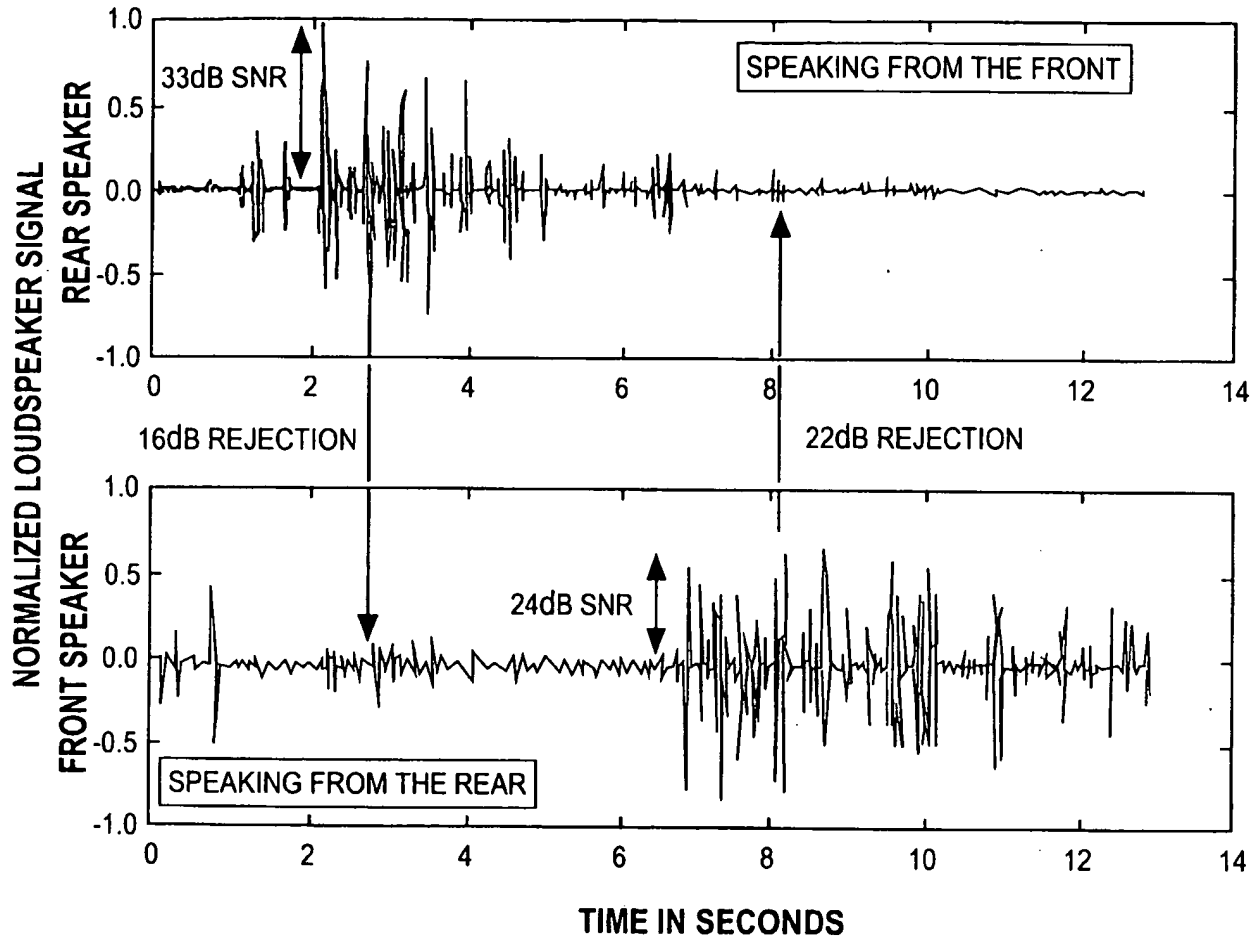


FIG. 11

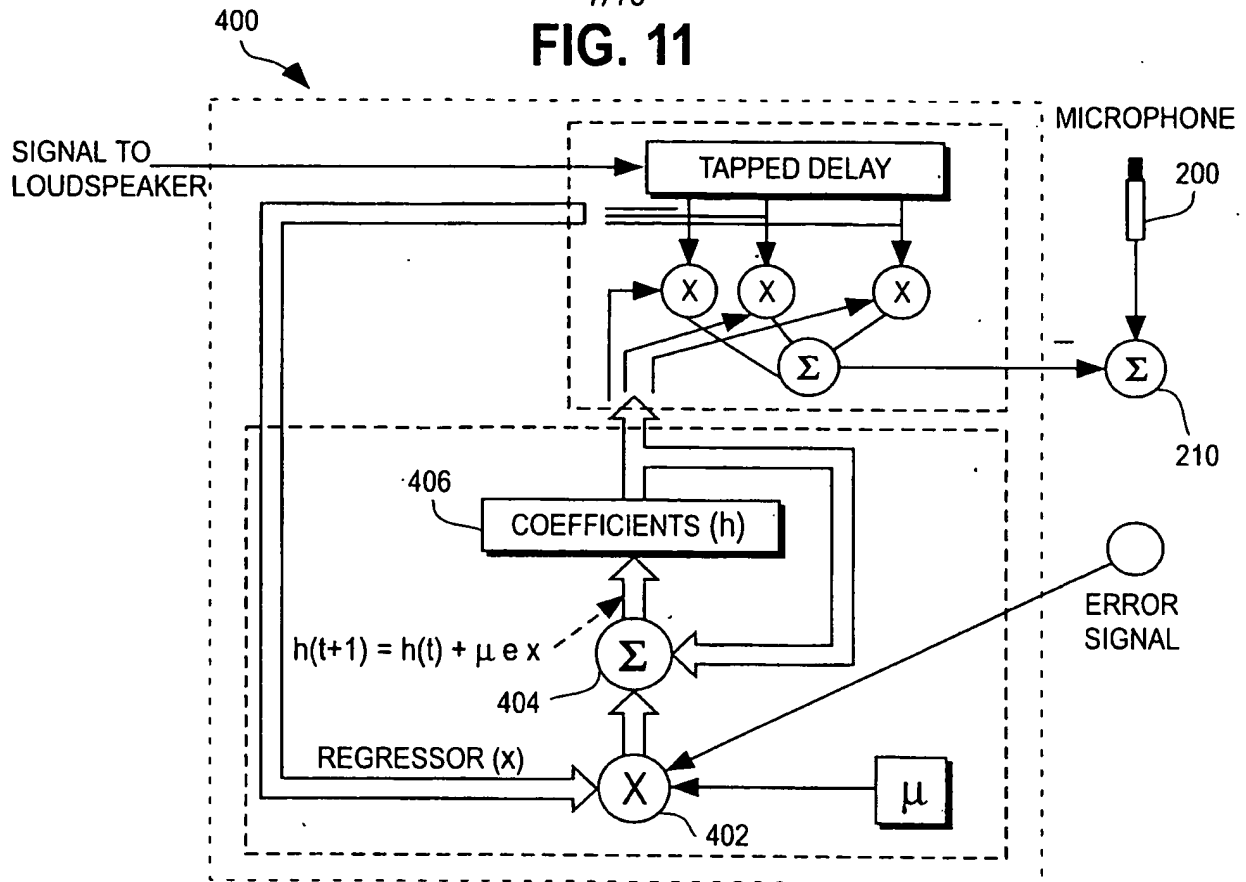
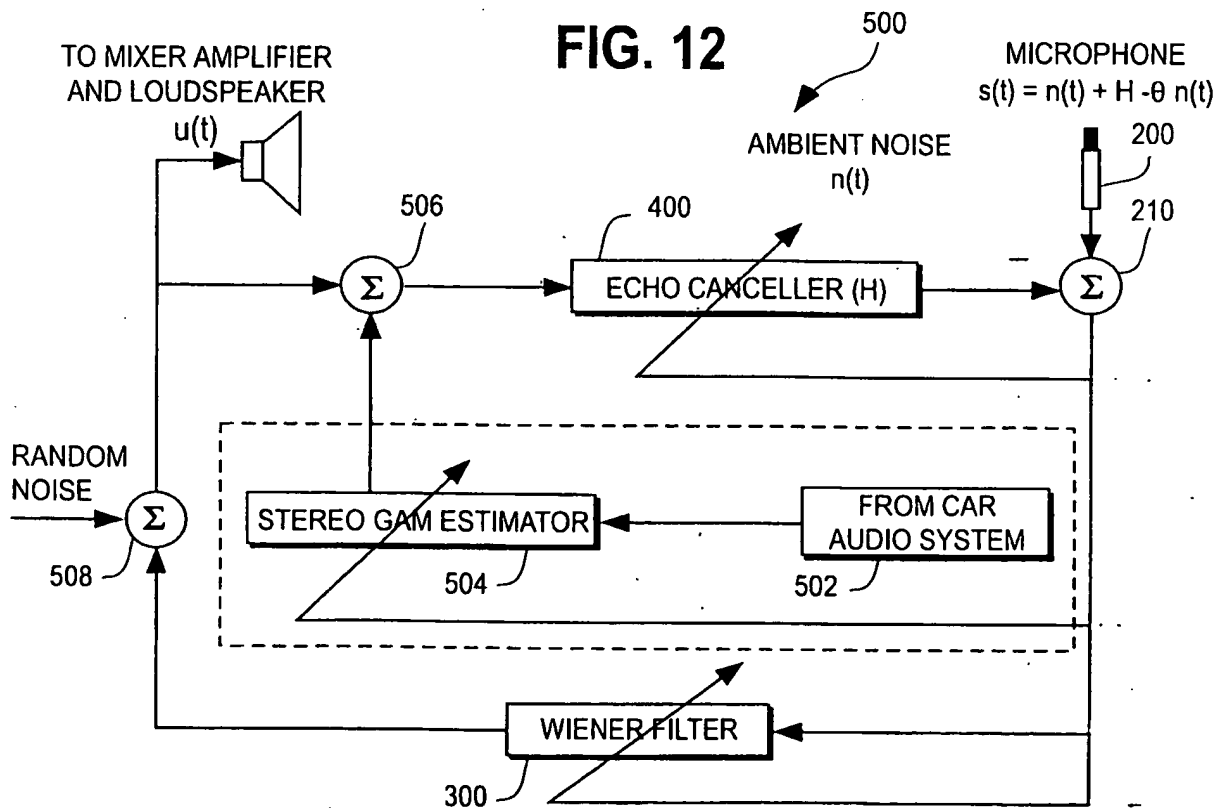


FIG. 12



8/16

FIG. 13

```

m=20;delays=30;sig=.00;n=170;
y=filter(h,1,r)+sig*n;
htp1=ht(1:delays+m);
pn=eye(m);
L=length(ht);
ind=delays+m:m:n;
lind=length(ind);
kg=zeros(m,(lind-1)*m+1);

for j=1:lind
ind0(1:m,j)=[(j-1)*m+1:j*m]+delays;
end
htemp=ht(ind0);

for k=200:10000
ind1=k-ind0;
[htemp(:,1)k0,pn,an]=rls1(pn,y(k-1),r(ind1(:,1)),htemp(:,1),1);

for l=(ind-1)*m:-1:1
kg(:,l+1)=kg(:,l);
end

kg(:,1)=k0;

for j=2:lind
htemp(:,j)=htemp(:,j)+kg(:,(j-1)*m+1)*(an-htemp(:,j))*r(ind1(:,j));
end

```


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Serial No.
 09/692,268

Sheet 9 of 16

Docket No.
 1-82248

9/16

FIG. 14

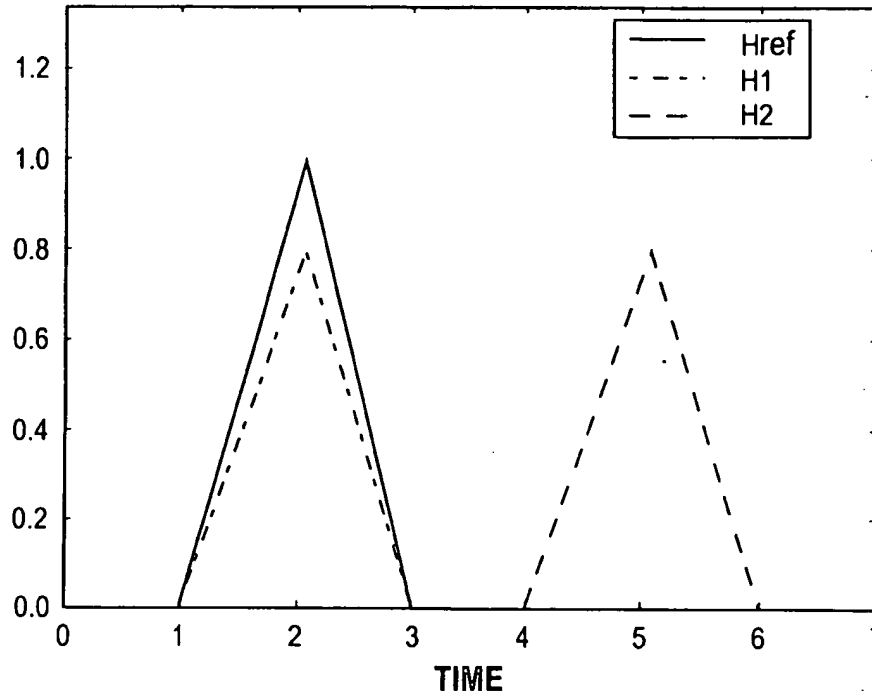
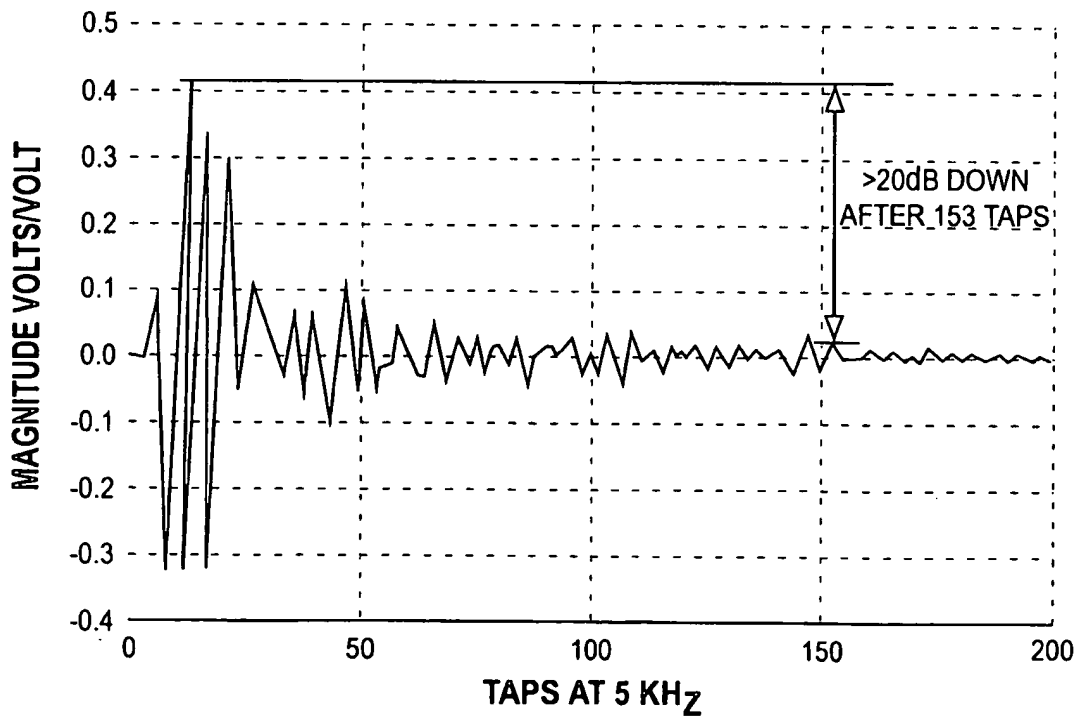


FIG. 15



10/16

FIG. 16

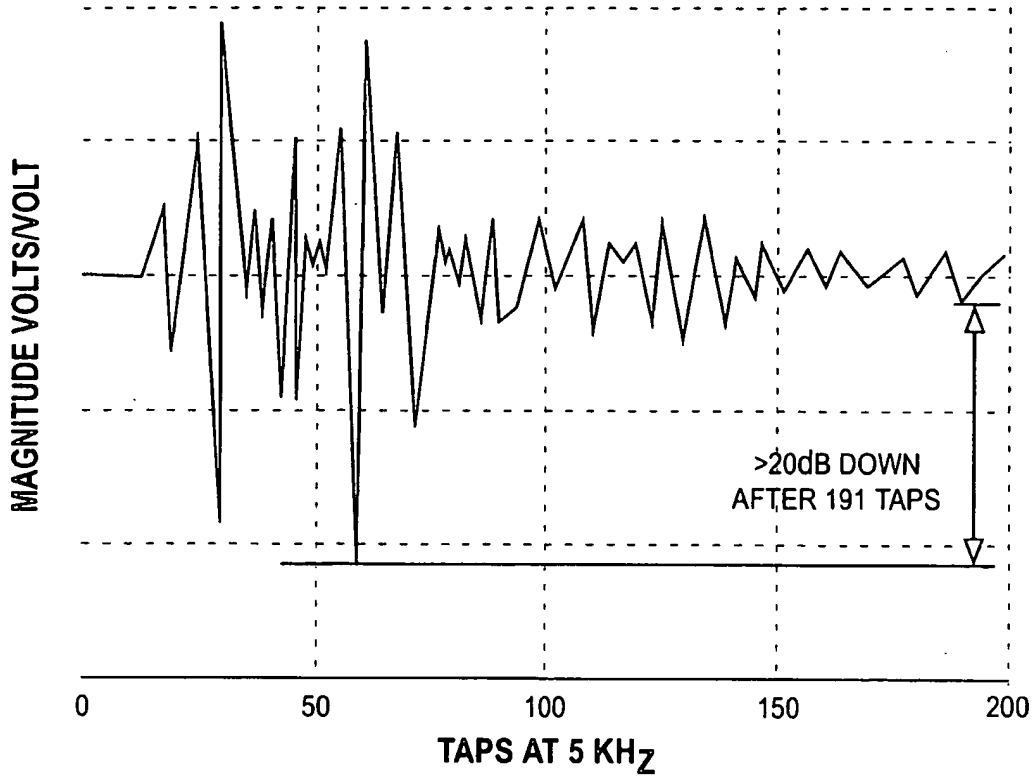


FIG. 17

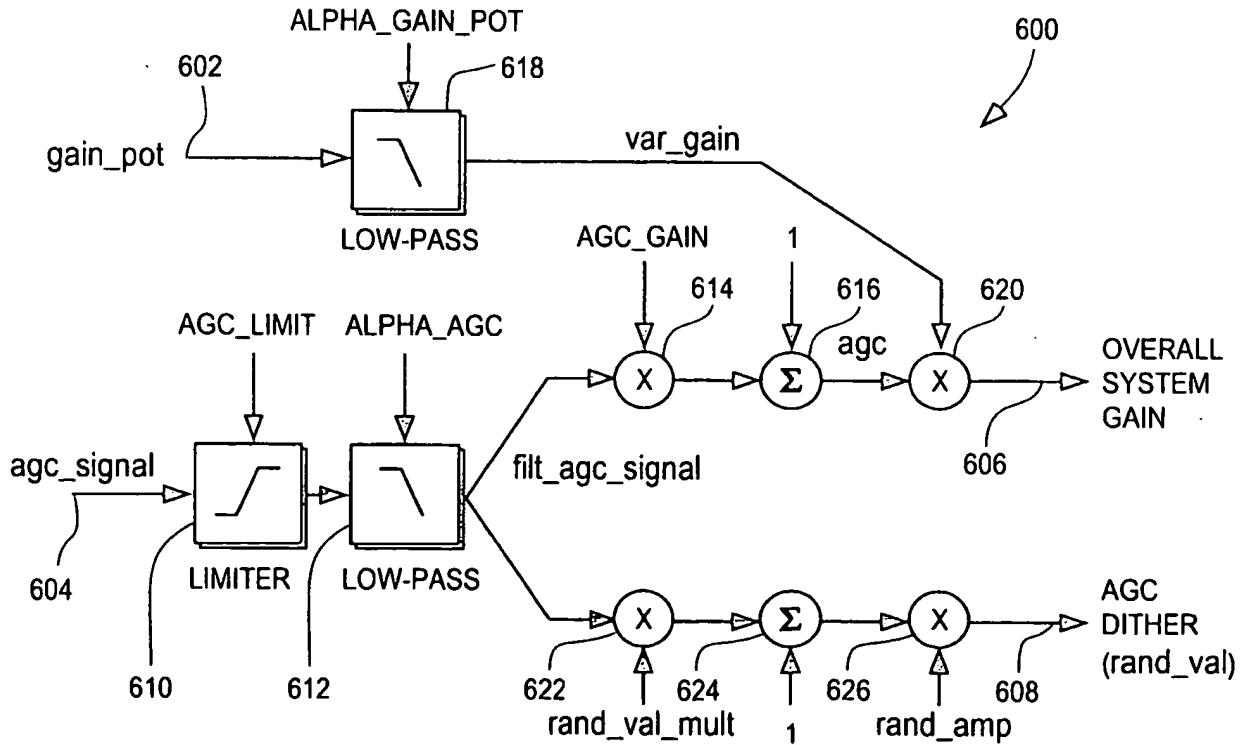


FIG. 18

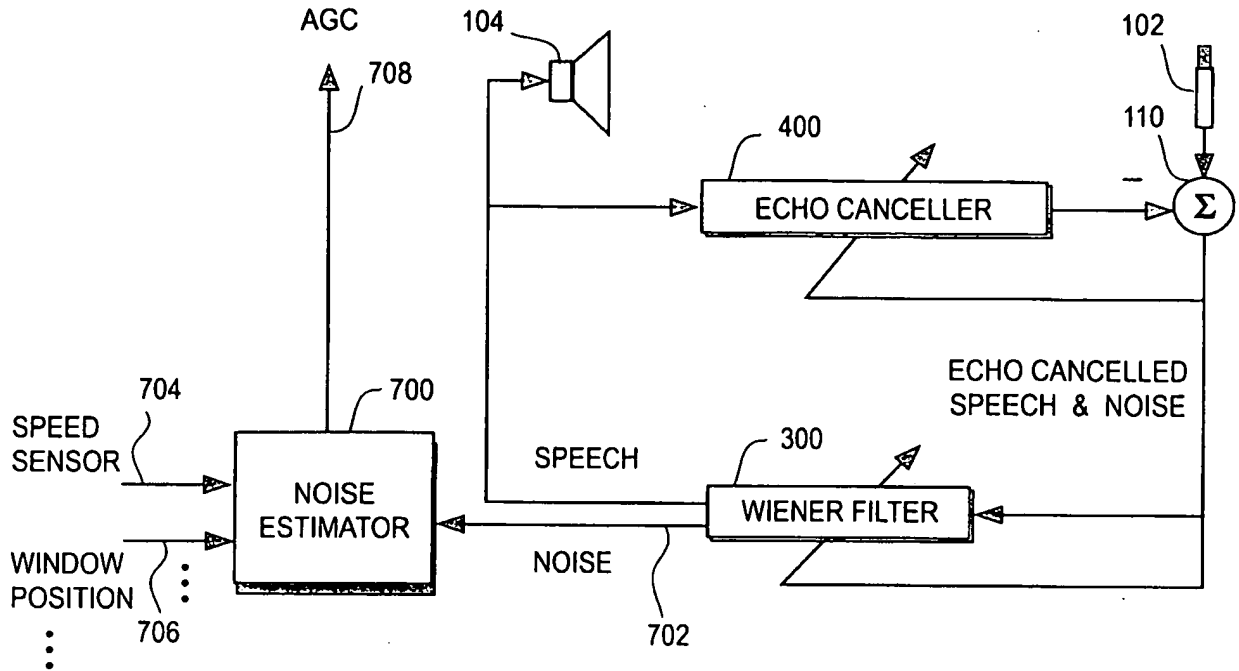


FIG. 19

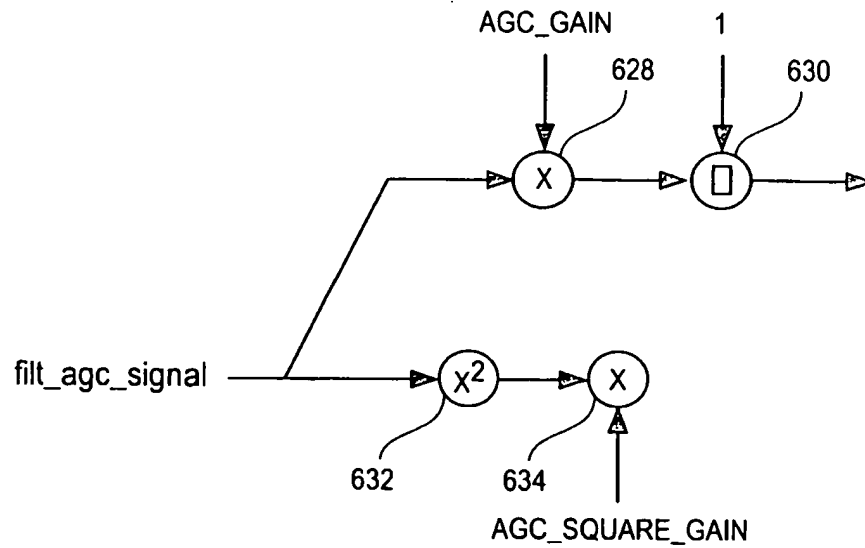


FIG. 20

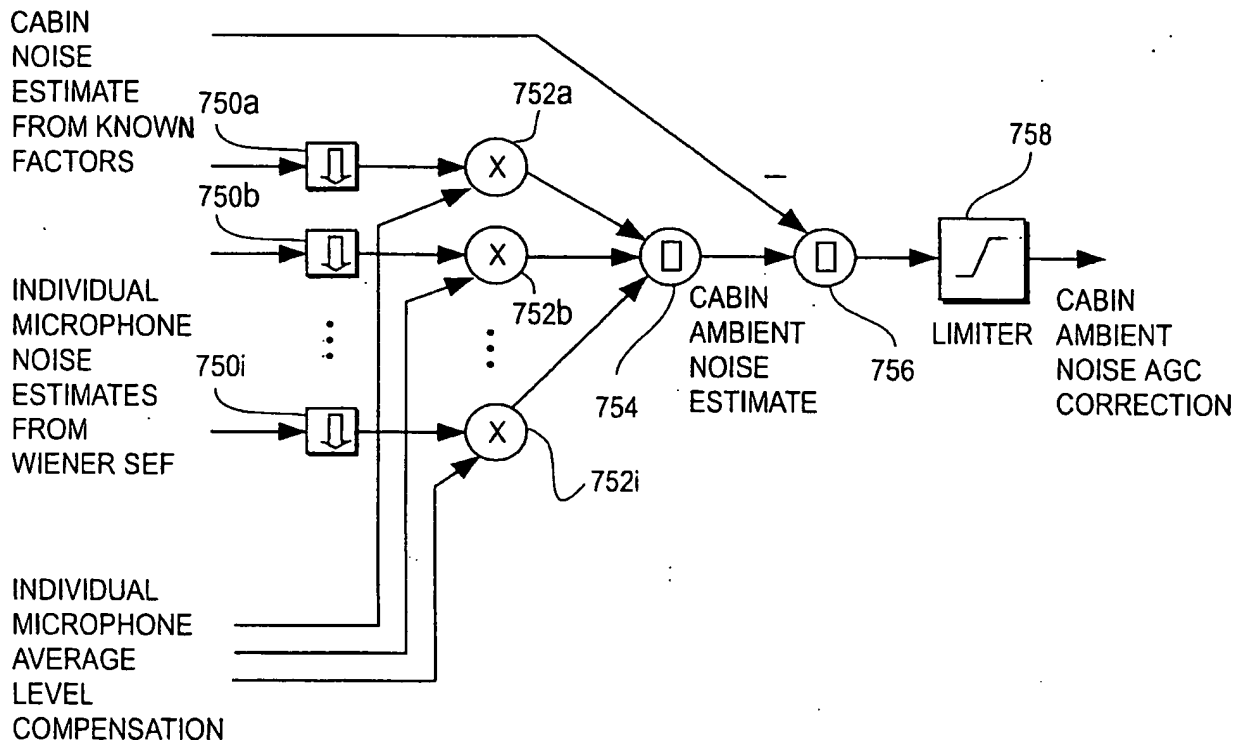


FIG. 21

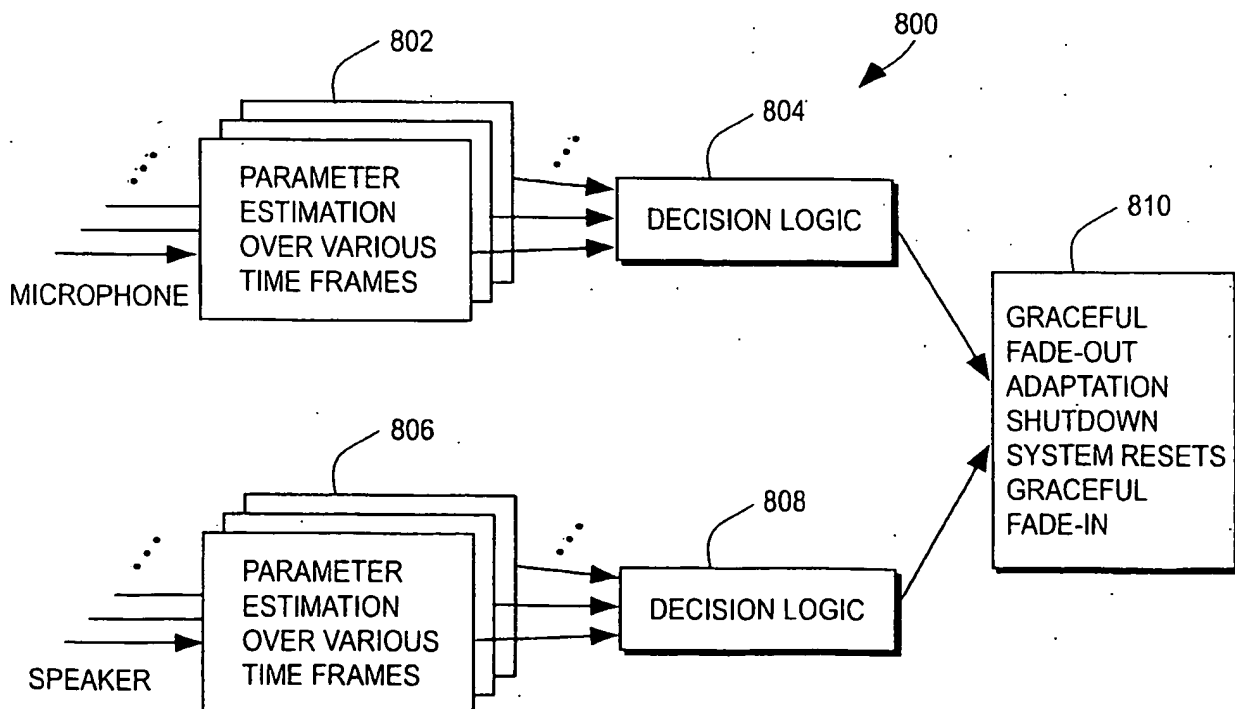


FIG. 22

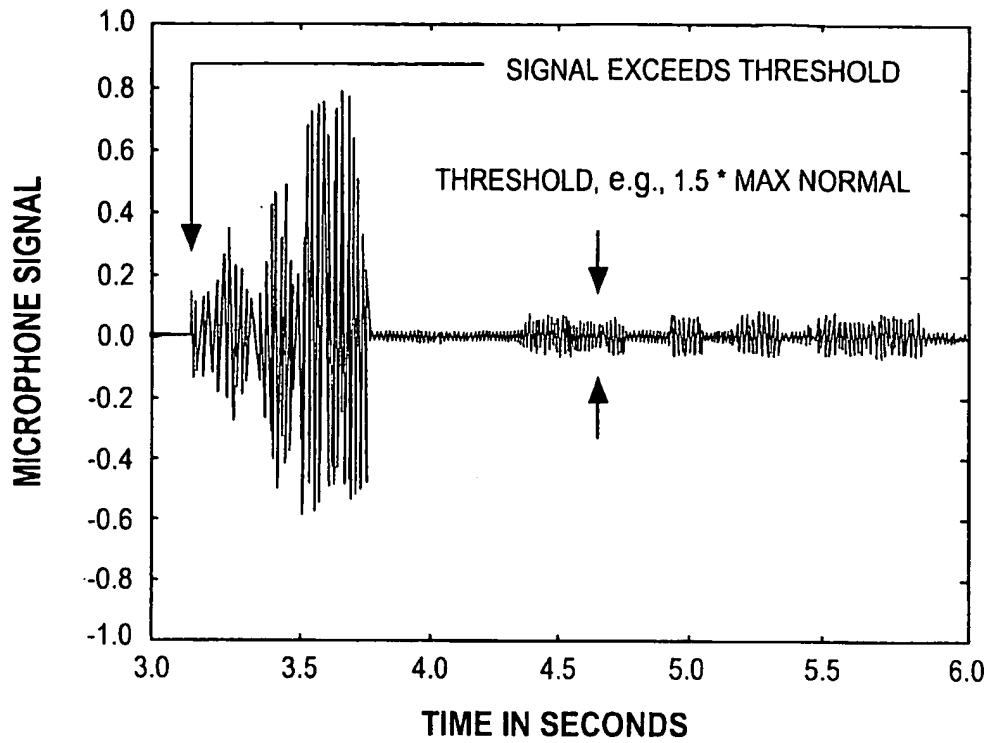
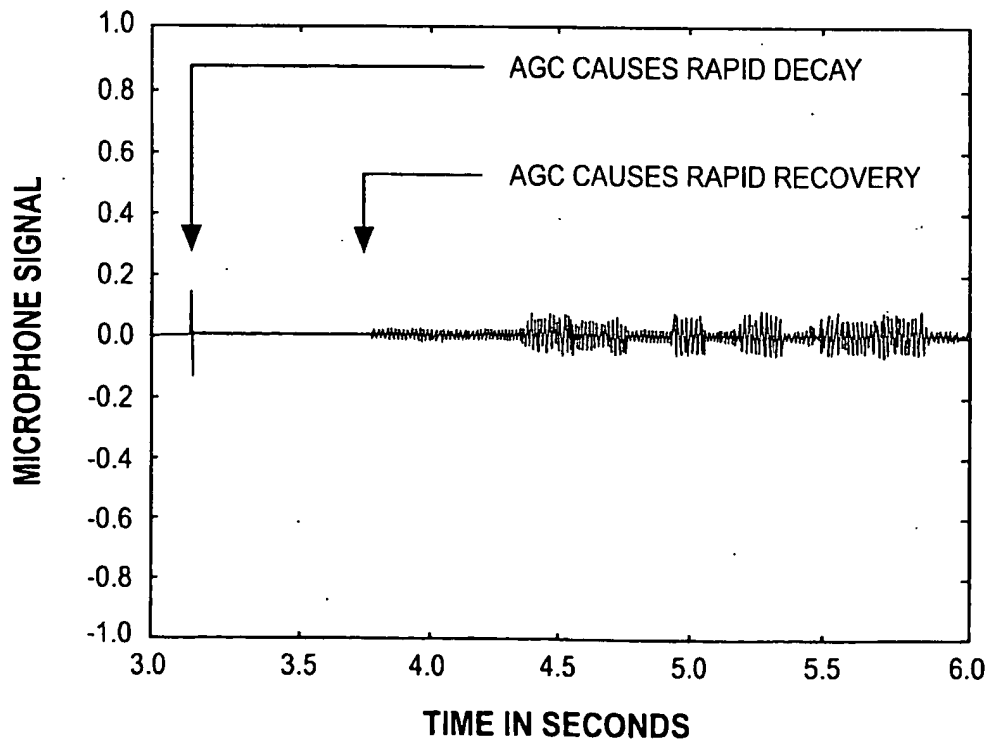


FIG. 23



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Serial No.
 09/692,268

Sheet 14 of 16

Docket No.
 1-82248

14/16

FIG. 24

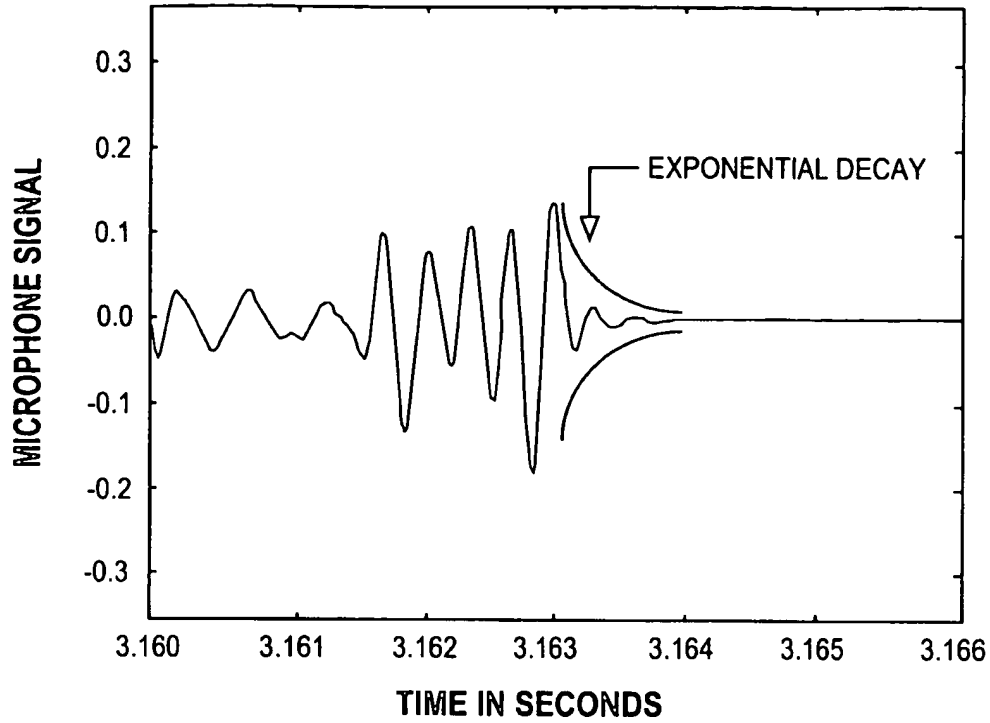
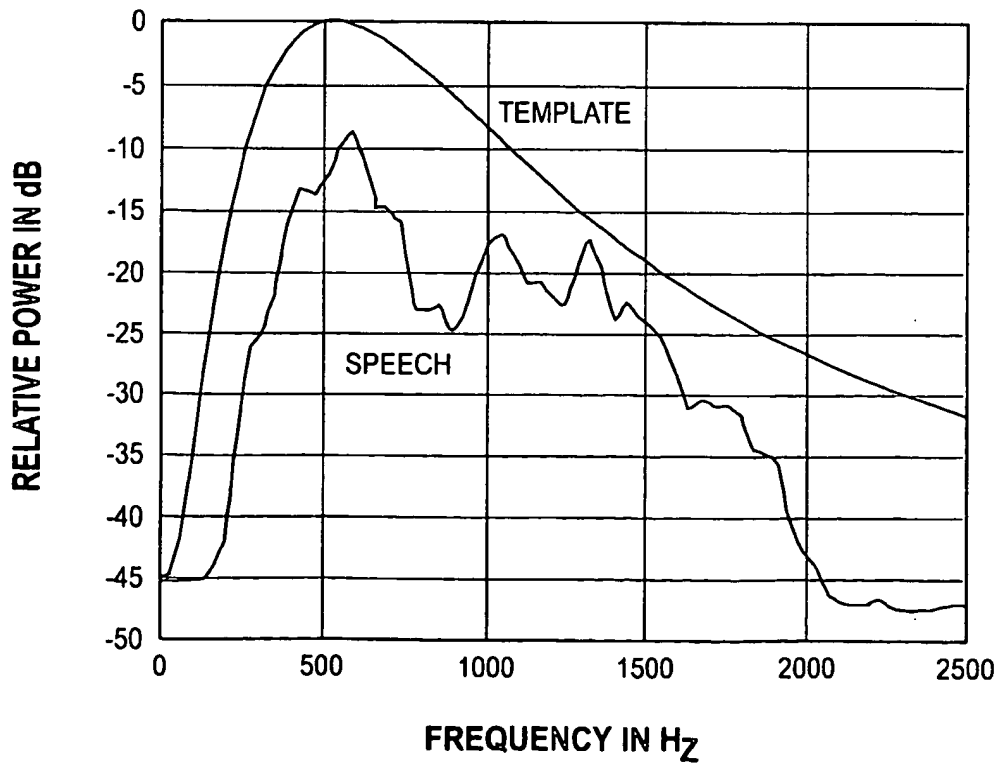


FIG. 25



15/16

FIG. 26

